ful PATENT APPLICATION

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reby certify that this paper (along with any paper referred to as being transmitted therewith) is ( XXX ) being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box. 1450, Alexandria, Virginia 22313-1450 or ( ) being transmitted by facsimile to the U.S. Patent and Trademark Office. (Fax No. 571 273 8300) (\_\_\_\_\_ pages). This facsimile is being sent from (908) 429-3650.

Maria T. Sanchez

(Print Name)

Date: January 5, 2007

Mana S. Sand

Docket No. 2003JP323

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Toshimichi MAKII, et al.

Art Unit: 1752

Serial No. 10/575,338, filed April 10, 2006

Examiner: To be Assigned

For:

THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL

AMPLIFICATION TYPE PHOTOSENSITIVE RESIN COMPOSITION

# INFORMATION DISCLOSURE STATEMENT BEFORE MAILING OF THE FIRST OFFICE ACTION (37 CFR 1.97 (b))

January 5, 2007

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Serial No. 10/575,338

Filed: April 10, 2006

Dear Sir:

1. IDENTIFICATION OF TIME OF FILING INFORMATION DISCLOSURE

**STATEMENT** 

The information disclosure statement submitted herewith is being filed within three

months of the filing date of the application or date of entry into the national stage of an

international application or before the mailing date of a first Office action on the merits,

whichever event occurs last. 37 CFR 1.97(b).

2. PRELIMINARY STATEMENTS

Applicants submit herewith patents, publications or other information of which they

are aware, which they believe may be material to the examination of this application and

in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a

representation that a search has been made (37 CFR 1.97(g)), an admission that the

information cited is, or is considered to be, material to patentability or that no other

material information exists.

The filing of this information disclosure statement shall not be construed as an

admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25,

at 25.

Pursuant to the notice in the Official Gazette notice of 5 August 2003, 1276 O.G.

55, copies of US Patents and/or US Patent Publications are not being enclosed as the

present application has a filing date after June 30, 2003.

COMPLETED FORM PTO-1449 IS ATTACHED.

2

Serial No. 10/575,338 Filed: April 10, 2006

# 4. COPIES OF LISTED INFORMATION ITEMS ACCOMPANYING THIS STATEMENT

GB 2 172 117 A JP 4-182650 A JP 53-133429 JP 54-23570 B2 JP 55-073045 JP 56-30850 B2 JP 57-37349 A JP 58-114031 A JP 61-205933 A JP 62-124556 A JP 62-215947 A JP 2001-281863 A

Legible copies of all items listed on Form 1449 accompany this information statement except as follows: Copies of JP 07-219216, JP 09-15850, JP 63-10153, JP 64-3647, JP 10-207057, JP 10-204125, JP 2002-365799, JP 2002-258479, JP 2001-312060, JP 2001-174990 are not enclosed as they were listed on the International Search Report submitted with applicants' 35 USC 371/37 CFR 1.495 filing, the acknowledgment of receipt thereof being set out in the 371 Acceptance Letter, Confirmation Letter No. 1811.

# 5. TRANSLATION(S) OF NON-ENGLISH LANGUAGE DOCUMENTS

[X] Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

Serial No. 10/575,338 Filed: April 10, 2006

Machine Language Translation from the Japanese Patent Office is provided for the following documents:

JP 7-219216 A JP 9-15850 A JP 2001-281863 A JP 2001-312060 A

English Language Translation of the abstract is provided for:

JP 4-182650 A JP 63-10153 A JP 7-219216 A JP 64-3647 A JP 9-15850 A JP 2001-281863 A JP 62-124556 A JP 2001-312060 A JP 62-215947 A

English Language equivalents of the following documents are as follows:

JP 10-207057 A US 5,942,369 JP 10-204125 A US 5,942,367 = US 4,247,611 JP 53-133429 = US 3,666473 JP 54-23570 B2 JP 55-73045 US 4,275,139 JP 56-30850 B2 US 4,115,128 = JP 57-37349 A = US 4,506,003 US 4,506,006 JP 58-114031 A = JP 61-205933 A = GB 2 172 117 A JP 2001-174990 A US 6,737,212 B1 = JP 2002-258479 A US 2003/0059706 A1 = US 2004/00170917 A1 JP 2002-365799 A =

[X] No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except those listed above.

Serial No. 10/575,338 Filed: April 10, 2006

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6. IDENTIFICATION OF PERSON(S) MAKING THIS INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information in the attorney's file.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the United States patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.

Respectfully submitted,

Attorney for Applicant(s)

Alan P. Kass (Reg. No. 32142)

70 Meister Avenue Somerville, New Jersey 08876

Telephone: (908) 595-3890 Telefax: (908) 429-3650

Customer No. 26,289

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(Identify type of correspondence) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on  January 5, 2007 (Date)  MARIA T. SANCHEZ  (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)	N 0 8 7007		PONSIVE CHEMICAL AMPLI	IFICATION TYPE
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ATTY DOCKET NO. SERIAL NO. 2003JP323 April 10, 2006 INFORMATION DISCLOSURE CIT Toshimichi MAKII et al. (Use several sheets if/necessary) FILING GROUP JAN 0 8 2007 10/575,338 1752 U.S. PATENT DOCUMENTS \*EXAMINER FILING DATE DOCUMENT NUMBER NAME CLASS SUBCLASS INITIAL IF APPROPRIATE 5/30/1972 3,666,743 Bower et al. 4,115,128 9/19/1978 Kita 4,247,611 1/27/1981 Sander et al. 4,275,139 6/23/1981 Stahlhofen 4,506,003 3/19/1985 Ruckert et al. 4,506,006 3/19/1985 Ruckert

#### **FOREIGN PATENT DOCUMENTS**

Hammersmith et al.

Watanabe et al.

Ota et al.

Takahashi

Misumi et al.

8/24/1999

8/24/1999

5/18/2004

3/27/2003

1/29/2004

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	DOGGINENT NOMBER	DATE	COUNTRY	CEAGG	300000033	YES	NO
	GB 2 172 117 A	9/10/1986	GREAT BRITAIN				
•	JP 4-182650 A	6/30/1992	JAPAN				
	JP 7-219216 A	8/18/1995	JAPAN			J	
	JP 9-15850 A	1/17/1997	JAPAN			J	
	JP 10-207057 A	8/7/1998	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

English Language Abstract of JP 4-182650 A.

5,942,367

5,942,369

6,737,212 B1

2003/0059706 A1

2004/0017917 A1

English Language Abstract of JP 7-219216 A.

**EXAMINER** 

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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2	JP 53-133429 11/21/19		11/21/1978	JAPAN						
	JP 54-23570 B2 8/15/197		8/15/1979	JAPAN				J H		
	JP 55-73045 6/2/1980		6/2/1980	JAPAN						
	JP	56-30850 B2	7/17/1981	JAPAN						
		OTHER DOCUM	MENTS (Includir	ng Author	, Title, Date, Pertine	ent Pages, Etc.	)		-	
		English Language A	bstract of JP 9-15	850 A.			75			
		English Language A	bstract of JP 62-12	24556 A.						
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## **INFORMATION DISCLOSURE CITATION**

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		<u> </u>	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO
		JP 5	57-37349 A	3/1/1982	JAPAN					
2		JP 5	58-114031 A	7/7/1983	JAPAN	į				
	,	JP 6	61-205933 A	9/12/1986	JAPAN	;				
		JP 6	62-124556 A	6/5/1987	JAPAN					
		JP (	62-215947 A	9/22/1987	JAPAN					
			OTHER DOCUM	ENTS (Includir	ng Author	r, Title, Date, Pertine	nt Pages, Etc.)			
			English Language Al	bstract of JP 62-21	15947 A.					
			English Language Al	bstract of JP 63-1(	)153 A.					
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## ATTY DOCKET NO. SERIAL NO. 2003JP323 April 10, 2006 INFORMATION DISCLOSURE CITATION Toshimichi MAKII et al. (Use several sheets if necessary) FILING **GROUP** 10/575,338 1752 **U.S. PATENT DOCUMENTS** \*EXAMINER FILING DATE DOCUMENT NUMBER CLASS SUBCLASS DATE NAME INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO JP 63-10153 A 1/16/1988 **JAPAN** JP 64-3647 A 1/9/1989 **JAPAN** JP 2001-174990 A 6/29/2001 **JAPAN** JP 2001-281863 A 10/10/2001 **JAPAN** JP 2001-312060 A 11/9/2001 **JAPAN** OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

_	English Language Abstract of JP 64-3647 A.
	English Language Abstract of 2001-281863 A.

**EXAMINER** 

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# ATTY DOCKET NO. SERIAL NO. 2003JP323 April 10, 2006 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Toshimichi MAKII et al. FILING **GROUP** 1752 10/575,338 **U.S. PATENT DOCUMENTS** \*EXAMINER FILING DATE DOCUMENT NUMBER DATE CLASS SUBCLASS NAME INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO JP 2002-258479 A 9/11/2002 **JAPAN** JP 2002-365799 A 12/18/2002 **JAPAN** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) English Language Abstract of JP 2001-312060 A.

DATE CONSIDERED \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

English Language Abstract of JP 2001-312060 A.

considered. Include copy of this form with next communication to applicant.

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